VPBASKI, T. Formaldehyde.

Vol. 4, No. 5, 1955

KEMIJA U IMDUSTRIJI

SO: Monthly List of East European Accessions, (FFAL(, LC, Vol. 5, No.3 March, 1956

W

Chlorophyll. III. Chromatographic investigations on chlorophyll. T. Vrbakii (Inst. Ind. Invest. Zarrh. Yugoslavia). Arkev Rem. 23, 184-7(1951); cl. C.A. 46, 1994, 1995e.—In a no. of previous studies V. has demonstrated formation of mol. of complex compds. from aromatic nitro and nitroso compds. and chlorophyll in vitro which are stable to light and do not fluoresce. In the present expts. formation of the same type of compd. was shown for chlorophyll in the adsorbed state (on sucrose). The pigment was extd. from the leaves of the nettle (Urtica dioica) and chromatographed through a layer of powd. sucrose as a ligroine-benzene soln. In such adsorbed condition it proved very photosensitive and was bleached rapidly. On addn. of one crystal of p-nitrosodimethylaniline prior to chromatography the cluate was quite stable to light. The effect of the nitroso compd. in this case was not due to its light-filtering properties (as internal filter), but to formation of a light-stable addn. compd. with chlorophyll, even when the latter was in the adsorbed state. The nitroso compd. itself is not adsorbed by sucrose but passes the chromatographic column unchanged. It was shown further that sucrose-adsorbed chlorophyll emits intense red fluorescence in ultraviolet light. However, when the chromatography was performed in the presence of the above nitroso compd., the fluorescence was much weakened and was of gray-red

shade. This extinguishing effect exhibited by the inhibitor on the ligroine-benzene cluate of chlorophyll was qualitatively quite similar to the same effect on the McOll solution of chlorophyll described before (loc. cit.). Tests of sucrose as an adsorbent were carried out with chlorophyll alone and showed that the properties of the cluate (both a and betherophyll) were the same as those of nonchroniatographed chlorophyll. Sucrose is a mentral adsorbent and exerts true affinity to some compds., hence adsorbed chlorophyll forms an adsorption rather than polar compd. with sucrose. The adsorption compd. between sucrose and the aromatic nitroso chlorophyll complex is a true adsorption. Therefore the affinity between the adsorbed nitroso compd. and chlorophyll remains unchanged in comparison with the nonadsorbed one. In the case of polar adsorption affinities these would form at the expense of the inner affinities of the aromatic nitroso chlorophyll complex itself, weakening the latter so that the complex would decomp. The opposite was shown in these expts. on the sensitivity to ultraviolet light and thermal oxidation. The stability of this complex, even in the adsorbed state, is regarded by V. as a qual, proof of the existence of complex formation between aromatic nitro and nitroso compds. and chlorophyll.

C. S. Shapiro

WTetraethyllead."
Kemija U Industriji, Zagreb, Vol 3, No 1, Jan 1954, p. 5
SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

Yugoslavia (430)

(continued) the Chemical Section of the Croatian Society of Engineers and Technicians. Some articles written in English and German. Summaries in English or other western languages. Vol. 23, no. 3/4, 1951.

East European Accessions List. Library of Congress. Vol. 2, No. 6, June 1953. Unclassified "Card 2 of 2"

Yugoslavia (430)

Science-Periodicals

Studies of shlorophyll III; chromatographic analysis of chlorophyll. p. 184 ARHIV ZA KEMIJU. (Hrvatsko kemijske drustvo i Sekcija kemicara Drustva inzenjera i tehnicara Hrvatske) Zagreb. Quarterly of the Croatian Chemical Society and

East European Accessions List, Library of Congress, 1 Vol. 2, No. 6, June 1953, Unclassified.

"Card h of 2"

Tugoslavia (430)

Technology

Production of vinegar anhydride and vinegar acid by acetaldehyde oxidation. p. 36, KEMIJA U INDUSTRIJI. Vol. 1, no. 2, 1952.

East European Accessions List, Library of Congress, Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

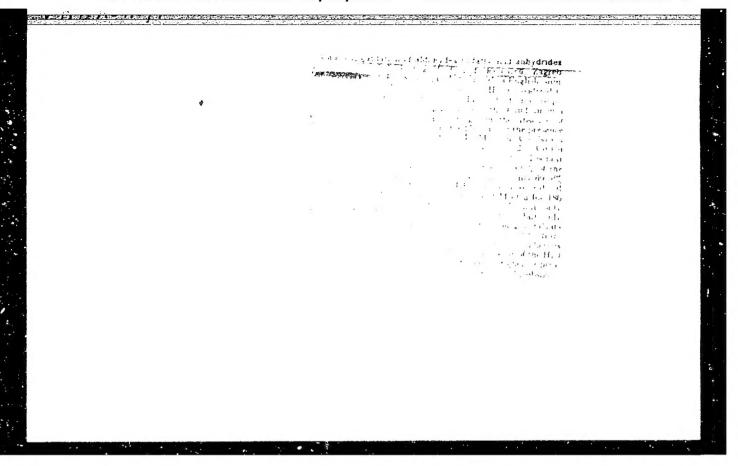
VRBASKI, T.

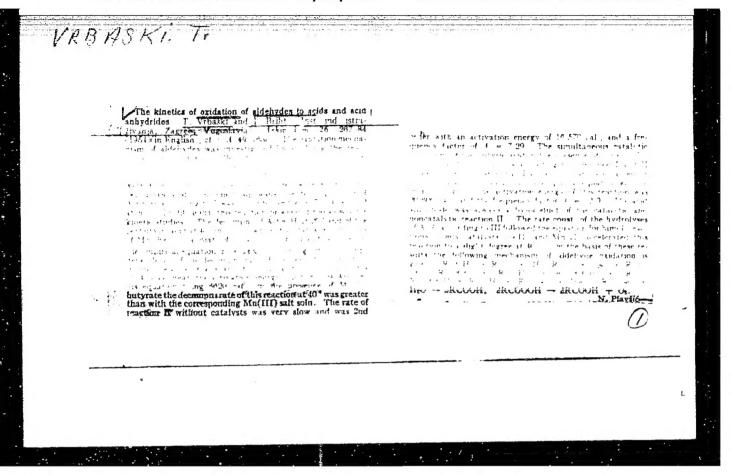
Vrbaski, T. Brihta, I.

WA study of the catalytic oxidation of aldehydes to fatty acid anhydrides. p. 111

(Arhiv Za K miju., Vol. 24, 1952, Zagreb)

SO: Monthly List of Mast Suropean Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.



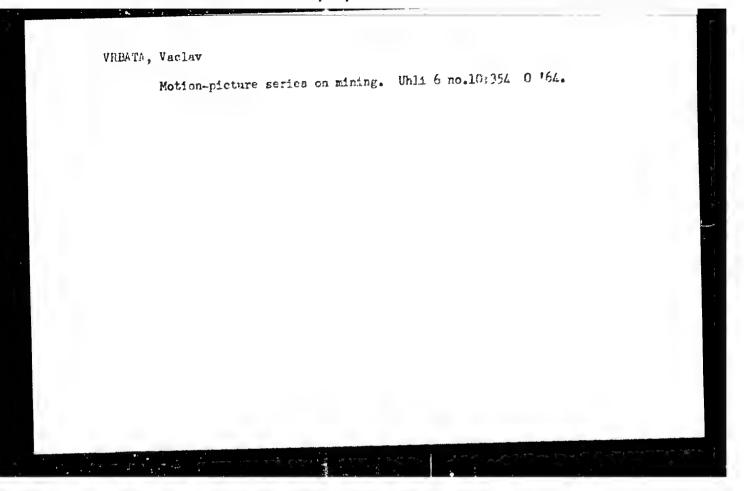


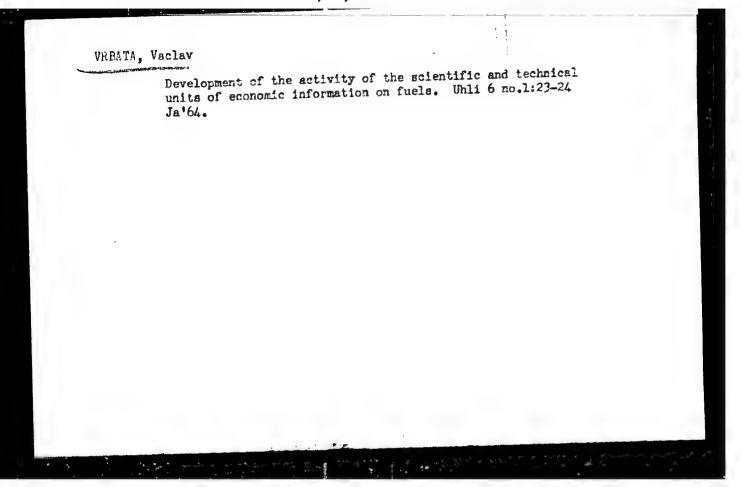
VRBATA, Josef, inz. arch.

Experimental house in Novy Most. Poz stavby 13 no.1:17-20 '65.

1. Pozemni stavby, Usti nad Labem.

New technical motion picuture shown in the Czechoslovak coalfields.
Uhli 7 no.4:139 '65.





# VEBATA, Vaclav

Motion pictures, a tool of education in new techniques. Uhli 4 no.1:30 Ja '62.

1. Ministerstvo paliv a energetiky.

VR'BCHEV, P.

Working Methods of the Methodology Office of the "ASEN KHALACHEV" State Textile Enterprise at Pleven. Leka Promishlenost (Light Industry), #5:32:May 55

# VRBECKY, J.

Traumatic dislocation of the hip joint in newborn infants. Acta chir.

1. Ortopedicke oddeleni OUNZ Blansko, nemocnice vBoskovivich, prednosta MUDr. J. Vrbecky.

(HIP fract & disloc) (BIRTH INJURY)

WAGNER, K., Dr.As.; FLODER, C., Dr.; HAMPEL, Fr.Dr.; HOLUR, J.Dr.; VRHECKY, J.Dr.

Treatment results of congenital famur dislocation in infants by passive method as compared with functional treatment with view to necrosis of the femoral head. Acta chir. orthop. traum. cech. 22 no.1-2:54-62 Feb 55.

1. Z klin. pro orthop. chir. PU v Olomouci; predn. prof. MUDr. Arnold Pavlik.

(FRMUR HEAD, dislocation congen. compar. evaluation of passive & funct. treatment with reference to femur head necrosis)
(FRMUR HEAD, diseases necrosis, importance in indic. for passive of funct. treatm. of congen. disloc.)

PUNCOCHAR, Z., inz.; JICINSKY, J., dr., inz.; HANGL, J.; BECVAR, J.; STROBL, L.;
KARNOVSKY, inz.; KLIKA, R.; KRUMNIKL, Fr., inz.; SORAL, J., inz.;
TEINDL, J.; VREENSKA, inz.

Information on metallurgy. Hut listy 17 no.11:816-829 N '62.

#### "APPROVED FOR RELEASE: 09/01/2001

#### CIA-RDP86-00513R001961210017-3

Z/056/62/019/003/003/006 1037/1237

**AUTHOR:** 

Hřivnáková, D. and Vrbenská, J.

TITLE:

The quality of Al wire cast and rolled by the Properzi system

PERIODICAL:

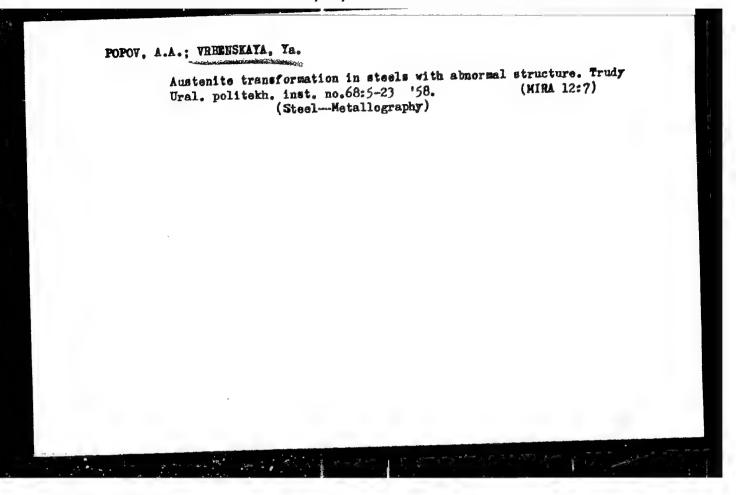
Přehled technické a hospodářské literatury, Hutnictvi a a Strojirenstvi, v. 19, no. 3, 1962,

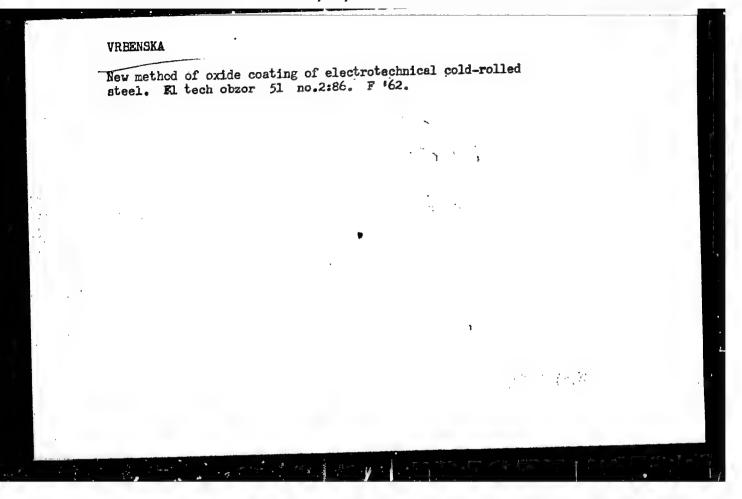
163, abstract HS 62-2072. (Hutnik, v. 11, no. 9, 1961, 436-440)

TEXT: Description of a new highly productive method of Al wire production known as the Properzi method. Shortcomings of the wire produced by this method, especially its high brittleness after the diameter has been considerably reduced by drawing. Variations in the production process, based on a series of tests, are suggested. The new process is based on adequate glowing of the rolled wire before drawing. There are two photographs, 2 microphotograps, 4 tables, and 4 references.

[Abstracter's note: Complete translation.]

Card 1/1





CIA-RDP86-00513R001961210017-3" APPROVED FOR RELEASE: 09/01/2001

SOV/137-59-2-3577

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 2, p 181 (USSR)

Popov, A. A., Vrbenskaya, Ya. AUTHOR:

Transformation of Austenite in Steels With "Abnormal" Structure TITLE: (Prevrashcheniye austenita v stalyakh s "anormal'noy" strukturoy)

PERIODICAL: Tr. Ural'skogo politekhr. in-ba, 1958, Nr 68, pp 5-25

The authors investigated specimens of Fe-VIT, carburized St20 ABSTRACT:

steel, and steel with 1.4% C deoxidized under different procedures. The abnormal structural formation in the zones of hyper-suffected composition was investigated on specimens heated to 980°C cooled slowly to 730%, and subsequently cooled at the rates of 10, 30, 60. and 300°C/hour. Metallographic investigations showed that structural abnormality is exhibited most frequently in carburized Fe. In the process of cooling to 730° at the rate of 10°C/hour a fine lattice network of cementite is formed, at ~7100 areas of free territe and pearlite come into being, at 6950 the transformation is complete, and the ultimate structure consists of a partially disrupted crude cemen

tite lattice network and large fields of ferrite and small areas of

:lamella pearlite located at some distance from the cementite lattice. Card 1/2

SOV/137-59-2-3577

Transformation of Austenite in Steels With "Abnormal" Structure

A change in the cooling rate changes the transformation temperatures. The abnormal structure does not appear upon cooling in air. On the strength of a theoretical examination of the effect of C on the kinetics of the formation of various structural constituents in steel it is shown that the formation of abnormal structure is facilitated by the presence of previously precipitated carbides and proceeds with greater intensity as the C and gases (O<sub>2</sub> in particular) content in the austenite increases.

L. M.

Card 2/2

VRBENSKI, E

USSR/Cultivated Plants - Technical. Oleaginous. Sugar-Bearing.

L-5

Abs Jour

: Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69296

Author

: Vrbenski, E.

Inst

Title

: Districting Flax Sowings.

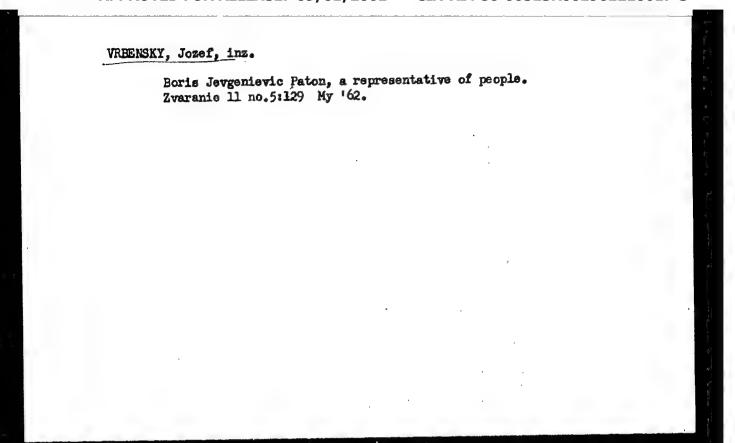
Orig Pub

: Za sots. s-kh. nauku, 1956, 5, No 1, 1-12

Abst

: The scientific-experimental institute of agricultural aconomics in Prague, with its branches in Brno and Bratislava and participation of specialized scientific-experimental institutes, in 1954 established districting for 7 basic cultures, including flax. A brief characterization of soil-climatic and economic conditions is furnished for 4 zones distinguished by the economics institute. In the author's opinion, for the culture of flax, potatoes and oats are best suited in crop rotation.

Card 1/1



# Walter Edstrom; obituary. Zvaranie 11 no.10:295 0 '62. 1. Vyskumny ustav zvaracsky, Bratislava.

# VRBENSKY, Jozef, inz.

The eleventh volume of the periodical Zvaranie. Zvaranie 11 no.1:1 Ja '62.

1. Vyskumny ustav svaracsky, Bratislava.

VRBENSKY, V.

ADVOCATING RAPE CULTIVATION.

P. 31, (Rolinicke Hlasy) Vol. ED, no. 7., July 1957, Praha, Czechoslevakia

SO: Monthly Index of East European Acessions (EFAI) Vol. 6, No. 11 November 1957

VRBENSKY, V.

VRFENSKY, V. Science and its application in irrigation research. p. 382.

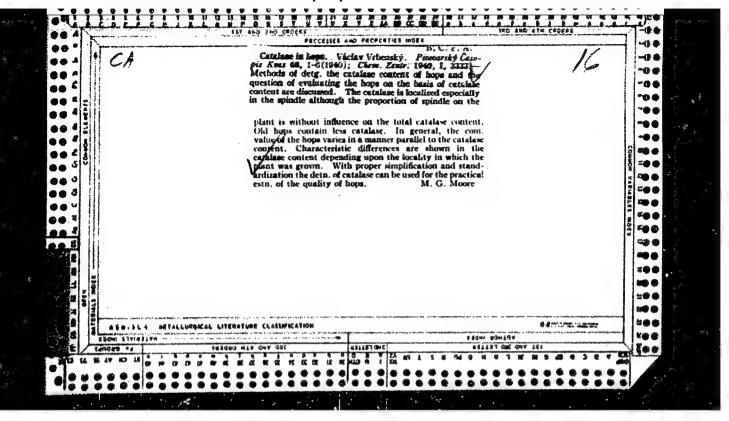
Vol. 5, ko. 11, kov. 1955 VODNI HCSPCDARSTVI TECHNOLOGY Praha, Czechoslovakia

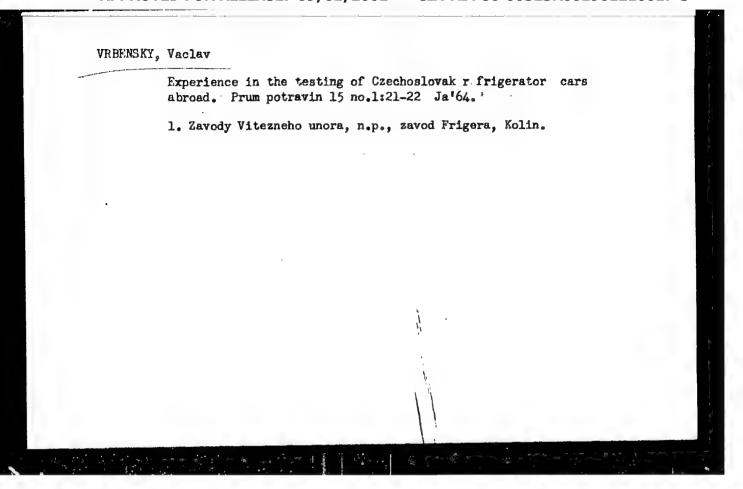
So: East Europeon Accessions, Vol., 5, No. 5, May 1956

VRBENSKY, V.

"Fertilizing System in Grassland Farming." p. 1262 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 11, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List on East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.





VRBIC, P.

Yugoslavia (430)

Technology

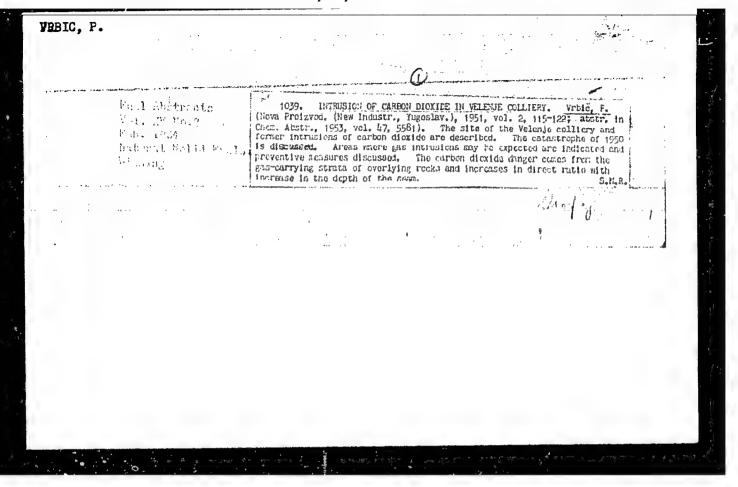
Intrusion of carbon dioxide in the Velenje colliery. p. 114, Nova Proizvodnja, Vcl. 2, no. 2/4, August 1951.

East European Accessions List, Library of Congress, Vol. 2, No. 3, March 1953. UNCLASSIFIED.

SLAVKOVIC, Jovan; PAPO, Taidon; VRCELI, Stefanija; KOVACEVIC, Micoslav

Diagnosis of tricupid stenosis and results of mitral varvulotory in a case of mitral and tricuspid stenosis. Srpaki urn. celak. lek. 92 no.44435-444 Ap \*64

1. Interna klinika "A" Medicinskog fakulteta Univerizlieta u Beogradu (Upravnika prof. dr. Branislav Stanojeria) i Hiturska klinika Vojnomedicinske akademije u Beogradu (Upravnika prof. dr. Isidor Papo).



VUGOSLAVIA

S. VRBIC, Federal Atomic Energy Commission, Belgrade.

"Protecting Medical Workers and Population from Medical Radiation Sources."

Belgrade, Highena, Vol 14, No 2-3-4, 1962; pp 175-180.

Abstract: After a general review of some MiO and Western data, author stresses mainly need for accurate records in radiologic diagnosis. There are nearly 7 million radiologic examinations in Yugoslavia every year, but only just over 200 radiologists. This inadequacy of specialized workers, coupled with the often obsolete equipment, poor habits and imprecise regulations, pose many dangers, some of which could be easily eliminated, while others are to be kept in mind in planning.

11/1

29

VRBICKY, B.; SULC, J.

Ascertaining the flow of subterranean waters. p. 190.

UHLI (Ministerstvo paliv) Praha, Czecholslovakia. Wol. 1, no. 6, June 1959

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

VRBICKY, B.

"Microbiological examination of the relationship between surface water and water in mines." P. 344.

RUDY. (Ministerstvo hutniho prumyslu a rudnych dolu). Praha, Czechoslovakia, Vol. 3, No. 11, Nov. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959. Uncla.

VRBICKY, B.

Control of the separating process in coal washing plants according to the curves of washability. p. 267.
UHLI, Prague, Vol. 4, no. 9, Sept. 1954.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 6, June 1956, Uncl.

VMMICHY, P.

Some remarks on deep mire drainage. (To be commit.) F. 31.

SC. East European Accessions List, Vol. 3, No. 3, Sept. 1984, Lib. of Congress

VERICIV, B.

Some remarks on deep mine drainage. P. 73.

SO: East European Accessions List, Vol. 3, No. 9, Sept. 1954, Lib. of Congress

WRBICKY, B.

"Some Remarks on Deep Mine Brainage." p. 73, Vol. 2, no. 3, Mar. 1954. Praha

SO: East European Accessions List, Vol. 3, No. 9, September 1954. Lib. of Congress

VRBICKY, Bohuslav, inz., Sc.C.

"Detritus in Ostrava-Karvina coal basin" by Jan Pista. Reviewed Bohuslav Vrileky. Uhli 4 no.1:39-40 Ja 162.

1. Hornicky ustav, Ceskoslovenska akademie ved, Fraha,

VRBICKY, B.; WECKER, K.

Methods of dewatering detritus in the Ostrava-Karvina coal basin. Vysl ban vyzk 3:137-145 \*64.

l. Institute of Mining, Czechoslovak Academy of Sciences, Prague (for Vrbicky). 2. Degasification and Dewatering Plant of the Ostrava-Karvina Coal Basin.

 VRBICKY, BOHUSLAV

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation:

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 2, 1961, pp 161-172.

Data: "Hydrological Function of the Lipnice Disturbance in the Sokolov Area."

Authors: VRBA, Jaroslav, /presumably/ Water Resources Vodni zdroje, Prague.

VRBICKY, Bohuslav, /presumably/ Institute of Mines (Hornicky ustav),

CSAV /Ceskoslovenska akademie ved; Czechoslovak
academy of Sciences/, Prague.

470 94144)

VRBICKY, J.

Early issuing of invoices concerning harvesting operations. p. 321. (Mechanisace Zemedelstvi, Vol. 7, no. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no.10, October 1957. Uncl.

# "APPROVED FOR RELEASE: 09/01/2001 CI/

### CIA-RDP86-00513R001961210017-3

C NR: AP6027882	SOURCE CODE:	CZ/0038/66/000,'003/0104/0105
THOR: Vrbicky, Bohuslav; Simon, Li	boslay	36
G: Mining Institute, CSAV, Prague	(Hornicky ustav CSA	v) B
TIE: Use of radioisotopes to ident	_	
URCE: Jaderna energie, no. 3, 1966	, 104-105	
PIC TAGS: radioisotope, mining engi	ineering	
STRACT: The article reports the researing drills by means of the radiose lignite deposit at Ratiskovice. To declare the remitted making clear proving the drilling technique. This has: I figure. [JPRS: 36,845]	isotope Co-60 in the The method developed Par the situation of	s sinking of air-shafts in d is very simple, rapid
B CODE: 08, 18 / SUBM DATE: none		
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rd 1/1		JDC: 622.:539.16
d 1/1		JDC: 622.:539.16

#### Pediatrics

CZECHOSLOVAKIA

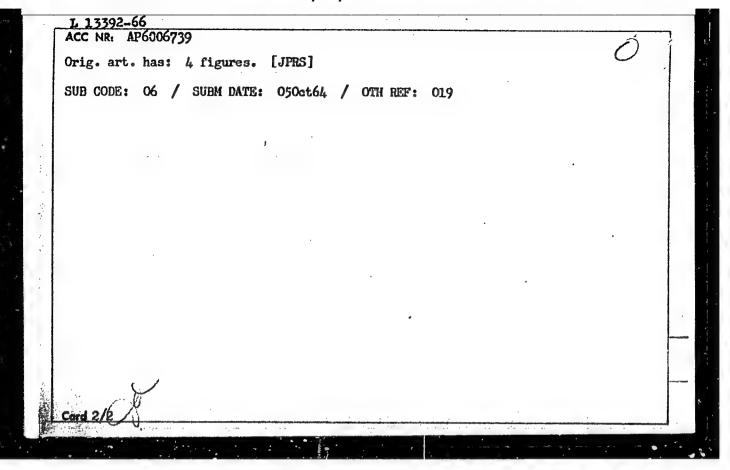
UDC 616.002.771-053.2-074

KRATKOVA, E.; VRBOVA, K.: Department of Internal Pediatrics, Thomayer's Hospital (Detske Interni Oddeleni Thomayerovy Nemocnice), Prague - Krc, Head (Primarka) Dr E. KRATKOVA.

"Dynamics of Laboratory Tests in Children Suffering from Rheumatic Fever."

Prague, Casopis Lekaru Ceskych, Vol 105, No 22, 3 Jun 66, pp

Abstract /Authors' English summary modified 7: Laboratory findings in 86 children suffering from rheumatic fever were investigated dynamically for a period of 11 weeks. MPT, total protein, albumin, alpha, alpha, beta, and gamma-globulins, and sedimentation rate were determined once a week, ASLO titres once every three weeks. Average sedimentation rates declined from the original value of 74 to 23 at the end of the period. Average MPT values declined from 6.6 mg% to 4 mg%, ASLO titres from 542 to 258 units. Total protein, alpha, and beta fractions did not change, average albumin values rose from 47 to 54%. Average alpha2 values declined from 12.5 to 11%, gamma globulin 21.7 to 16.5%. I Figure, 13 Tables, 2 Western 5 Czech, 1 Hungarian reference. (Ms. rec. Jun 65).



VRBICKY, J.

VRBICKY. J. Again on collecting cash for the work of machine-tractor stations by post office. p. 344.

Vol. 6, no. 18, Sept 1956 MACHANISACE ZEMEDELSTVI AGRICULTURE Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

VRBICKY, Vaclav, ins.

Evaluation of the investment cost by calculating the cost of individual component units. Poz stavby 11 no.1:6-9 63.

1. Ministerstvo dopravy a spoju, Praha.

VRBICKY, Vaclav, inz.; JIRIK, Otto, inz.

Methods of determining the passenger traffic in railroad stations. Doprava no.3:176-180 '63.

VRBIK, Jiri, inz.

Fifth International Congress on Dyeing. Chem prum 13 no.6:
312 Je \*63.

CZECHOSLOVAKJA/Chemical Technology. Chemical Products and

H

Their Application. Part 4. - Dyeing and Chemical

Treatment of Testile Materials.

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72724.

Author : Jiri Vrbik.

Inst Title

: Preparations for Fire-Resistant Impregnation of

Textile Materials.

Orig Pub: Chem. prumysl, 1956, 6, No 2, 62-64.

Abstract: Principles of fire-resistant impregnation. Description of various kinds thereof, their imperfections

and advantages. The best preparation is the complex compound of Ti and Sb / Ti(OH)2-O-Sb(OH)2 / developed in Czechoslovakia under the name Sinignite SA, which

Card : 1/2

MENSIKOVA, Z.; POLAK, O.; VRBIK, J.; Technicka spoluprace KARLICKOVA, H.; SKRIVANOVA, S.

The clinical and electroencephalographic picture of brain abscesses. Acta univ. carol. [Mod] no.1:89-110 61.

1. Neurologicka klinika fakulty vseobecneho lekarstvi University Karlovy se sidlem v Plzni, prednosta prof. dr. V. Pitha.

(ELECTROENCEPHALOGRAPHY) (BRAIN ABSCESS diag)

# VRBIK, J.

Uninflammable finishing of textiles. (To be contd.) p. 247. TWTIL. (Ministerstvo lehkeho prumyslu) Praha. 'ol. 9, no. 8, Aug. 1954.

GOURGE: Wast European Accessions List, Vol. 5, no. 9, September 1956

# VRBIK, J.

Seminar on purification of waste water from dyeing plants. Chem prum 13 no.6:310 Je 63.

1. Wyzkumny ustaw organickych syntez, Rybitwi.

MENSIKOVA, Z.; POLAK.O.; VRBIK, J. Technicka spoluprace: KARLICKOVA, H.; SKRIVANOVA, S.

Clinical and electroencephalographic picture of thrombosis and stenosis of the carotid arteries. Acta Univ. Carol. [med.] (Praha) 9 no.8:673-701 \*63

1. Neurologicka klinika lekarske fakulty University Karlovy v Flani.

MENSIKOVA, Z.; VRBIK,J.

Clinical picture and electroencephalogram of cerebral hemorrhages simulating expansive processes. Cesk. neurol. 27 no.3: 193-198 My'64

1. Neurochirurgicka klinika lekarske fakulty KU [ arlovy university] v Hradci Kralove (prednosta: prof. 'r. R.Petr) a Neurologicka klinika lekarske fakulty KU [Karlovy university] v Plzni (prednosta: prof. dr. V.Pifha).

MENSIKOVA, Zdenka; VRBIK, Jan; Technicka spoluprace: KARLICKOVA, H.; SKRIVANOVA, S.

Clinical and electroencephalographic picture of encephalomalacia. Acta Univ. Carol. [med.] (Praha) 10 no.2:109-137 64

1. Neurologicka klinika lekarske fakulty University Karlovy v Plzni a Neurochirurgicka klinika lekarske fakulty University Karlovy v Hradci Kralove, (prednosta: prof. MUDr. R.Petr.)

 MENSIKOVA, Zdenka; VRBIK, Jan. Technicka spoluprace: KARLICKOVA, H.; SKRIVANOVA, S.

Clinical picture and electroencephalogram of cerebral hemorrhages. Acta Univ. Carol. [med.] (Praha) 9 no.5:453-482 '63

1. Neurologicka klinika lekarske fakulty University Karlovy v Plzni.

Z/034/627000/009/006/007 E073/E535

AUTHOR:

Vrbík, Vl.

TITLE:

Equipment for growing metal single crystals

PERIODICAL: Hutnické listy, no.9, 1962, 674

The report describes experimental equipment for growing single crystals of metals. The equipment is designed in such a way that it enables: a) preparing single crystals of metals or alloys with fusion points up to 1100°C by the Bridgman or Chalmers method from melts; b) preparing single crystals of metals or alloys under investigation by the method of recrystallization; c) annealing metallic specimens in an inert or reducing atmosphere and possibly in vacuum. The passage of the temperature gradient through the specimen is effected by moving the furnace along a quartz tube into which the specimen is placed. This eliminates a number of difficulties connected with moving the specimen when vacuum or special atmospheres are used. Research Report SVUMT Z-61-1085. 16 pages, 6 figures.

Abstractor's note: Complete translation. Card 1/1

Z/020/63/000/001/001/005 D006/D102

AUTHOR:

Vrbik, V1.

TITLE:

Equipment for growing metal single orystals

PERIODICAL:

Energetika, no. 1, 1963, 53

TEXT: The report describes an experimental set-up for growing metal single crystals. The set-up is so designed that it allows: a) growing single crystals of metals or alloys with a melting point up to 1,100°C from the melt using the Bridgman or Chalmers method; b) growing single crystals of the investigated metals by the recrystallization method; c) annealing metal specimens in inert-gas or reducing atmosphere, or in a vacuum. Passing of the specimen through heat gradient is accomplished by the travel of the furnace along a quartz tube containing the specimen. Through this arrangement a number of problems was avoided which would arise if some other technique of moving the specimen through vacuum or special atmospheres were employed. Abstracter's note: This is a complete translation of an abstract from the Vyzkumná zpráva SVUMT (SVUMT Research Report) no. Z-61-1085, Prague, 1961.7

Card 1/1

VRBIK, V1.; DRAPAL, S.; KRAUS, V1.; LOBL, K.; VYKLICKY, M.; KABRHEL, A.; SUSTEK, A.; SLABA, J.; STETINA, K.; SCHREIBER, B.; PRUDKY, J.

Information on the reports of the State Research Institute of Material and Technology. Energetika Cz 13 no.1:53-54 Ja '63.

Para on therapeutic precidures in the treatment of compression fractures of the spine. Rozhl. chir. 43 no.7:459-473 Ji 154.

1. Chirargicke oddeleni fakultni nemocnice II v Praze (vedouci doc. dr. 0. Vaneckova).

#### VRBKA, Milos

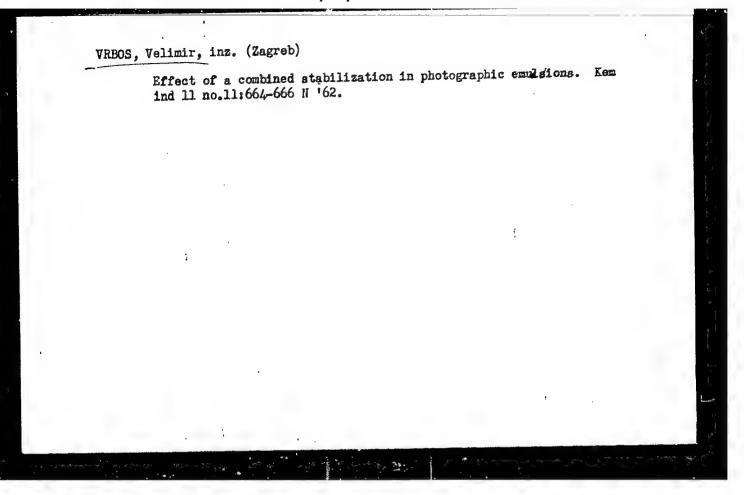
Fractures of the body of the spine due to contraction of the muscles. Rozhl. chir. 40 no.12:825-829 161.

1. III chir. klinika KU, prednosta doc. dr. G. Vaneckova.
(SPINE fract. & disloc.) (MUSCLES diseases)
(SPORTS)

VRBOS, V.

Influence of the initial and added gelatin on the basic photographic characteristics of emulsions. Kem ind 12 no.5:333-335 My '63.

1. Fetekemia, Zagreb.



CZECHOSLOVAKIA/Human and Animal Physiology (Normal and Pathological). Nerve and Muscle Physiology.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79913.

Author : Zak, A.; Gutrann, E.; Vrbov, G.

Inst Title : Quantitative Changes in Muscle Proteins After Direct

Stirulation of Muscle.

Orig Pub: Ceskosl. fysiol., 1957, 6, No 3, 323-328.

Abstract: During direct electric stimulation of the anterior tibialis of a rat at the rate of 120 pul/min. there was noted immediately after stimulation an increase of the content of non-protein N by 20.8%; after 4 hours, the increase was maintained at 20.6%. Immediately after stimulation at a rate of 300 pul/min., the content of non-protein N decreased by 17.1%, and,

Card : 1/2

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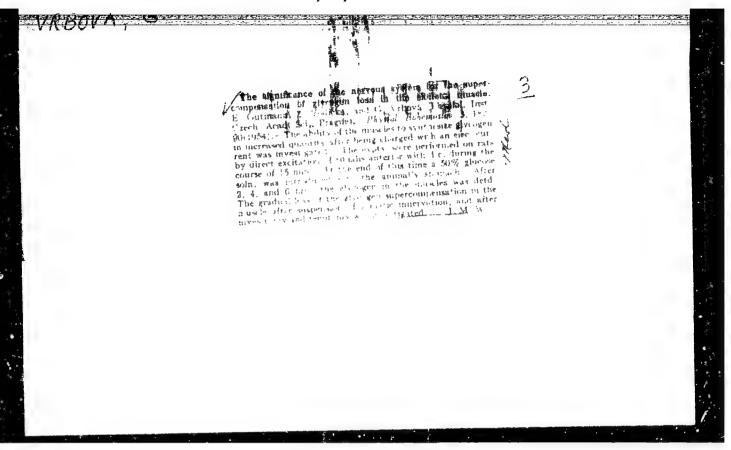
Denervation atrophy of various skeletal muscles in rate. Cesk, fysiol. 6 no.2:166-169 1957.

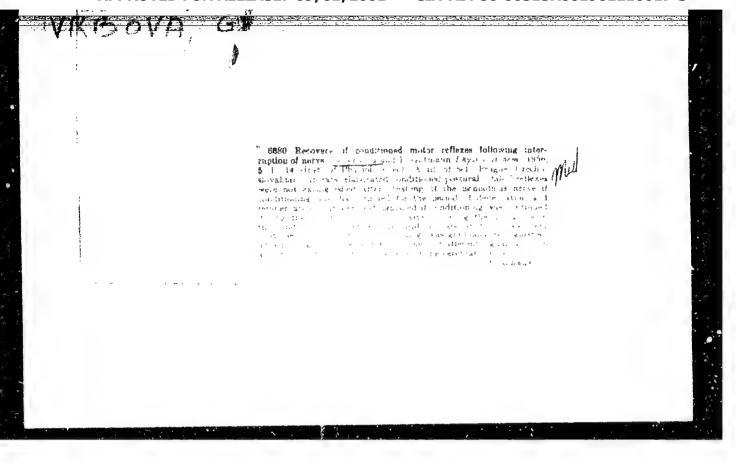
1. Fysiologicky ustay CSAV, Fraha.
(MUSCLES, innervation, causing atrophy in rate (Gz))

denervation, causing atrophy in rate

Quantitative modifications of muscle proteins following direct irritation of the muscle. Gesk. fysiol. 6 no.3:323-328 Aug 57

1. Fysiologicky ustav CsAV, Praha.
(MUSCLES, physiology,
eff. of excitation on protein content (Gz))
(MUSCLE-PROTEINS, metabolism,
eff. of musc. excitation on content (Gz))





 CZECHOSLOVAKIA/Human and Animal Physiology - Nervous System.

T-10

Higher Nervous Activity. Behavior.

Abu Jour

: Ref Zhur - Biol., No 7, 1958, 32229

Author

Vrbova, G., Dutmann, E.

Inst Title Impairment of the Motor Function During Poliomyelitis

from the Point of View of Afferent Signaling.

Orig Pub

: Ceskosl. pediatrie, 1956, 11, No 6, 420-426

Abstract

Development of motor conditioned reflexes (CR) in rats parting of the phalanges of the extremities during decrease) was significantly hindered or completely delayed during denervation of the extremity (compression of the sciatic nerve). If, in the period of denervation, the CR developed and attached earlier were strengthened, then the given CR was extinguished, and after reinnervation it proceeded to develop anew. It in the period of denervation, CR was not used up to the time the unconditioned

Card 1/2

- 146 -

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Effect of repeated irritation of the muscle on the course of glycogen resynthesis. Cesk. fysiol. 7 no.5:428-429 Sept 58.

1. Fysiologicky ustav CSAV, Praha.

(GLYCOGEN, metab.

musc. eff. of repeated irritation on resynthesis (Cz))

(MUSCLES, metab.

glycogen, eff. of repeated irritation on resynthesis (Cz))
```

GUTMANN, E.; VRBOVA, G.

Effect of tubocurarine administered during pregnancy in rabbits on off- spring. Cesk. fysiol: 7 no.5:459.Sept 58.

1. Fysiologicky ustav Csav, Praha.

(CURARE.

tubocurarine, eff. of admin. in pregn. rabbits on offspring

(Gz))

(PREGNANCY,

eff. of admin. of tubocurarine in pregn. rabbits on off-

spring (Cz))

## GUTMANN. E. YRBOVA. G.

Continuation of adaptation reaction in interrupted hypothermia in normal and denervated muscles. Cesk. fysiol. 7 no.5:459-460 Sept 58.

GUTHANN. Z.; VRBOVA. G.

Significance of motor signalisation in formation of conditioned motor food reflexes. Cesk. fysiol. 7 no.5:461 Sept 58.

1. Fysiologicky ustav Csav, Praha.

(REFLEX, CONDITIONED,

motor signaling in form, of conditioned motor food reflexes
(Cz))

CZECROSLOVAKIA/Human and Animal Physiology. Neuromuscular Physio-T-11 logy

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65604

: Drahota Z., Gutmann E., Vrbova G. Author

Inst . ...

: The Potassium Content of Normal Denervated and Innervated Title

Muscle.

Orig Pub ; Ceskosl. fysiol., 1956, 5, No 3, 276-282

Abstract: The potessium content of the muscles of the extremities of

rats wasdetermined photometrically after an intraperitoneal dialysis was performed by the injection of Tyrode's solution (12 times within a 24 hour period). In normal muscle the possium content after dialysis was reduced by 7.92% on the average; after a 1.1% solution of KCl (5 mg per 100 gn) was injected into the peritoneal cavity, the potassium content increased by 10.77%, i.e., it approximated the

iritial level. The potassium content of denervated muscle

: 1/2 Card

87

GUTMANN, E.; VRBOVA, G.

Significance of afferent signaling for reflex motor activity. Trudy 1-go M41 11:117-128 '61. (MIRA 15:5)

1. Fiziologicheskiy institut Chekhoslovatskoy Akademii nauk, Praga. (CONDITIONED RESPONSE)

VRBOVA, G.

Denervation atrophy and reinnervation in various skeletal muscles in rats. p.166. (Ceskoslovenska Fysiologie, Vol. 6, No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

Vrbova, G.

Notes on the work of scientific medical centers in Hungary. P. 121 CESKOSLOVENSKA FYSIOLOGIE. (Ceskoslovenska akademie ved. Fysiologicky ustav) Praha Vol. 5, no. 1, 1956

Source:

EEAL - LC Vol. 5. No. 10 Oct. 1956

# VRBOVA, G.

"Effect of a repeated work load on the metabolism changes of the bone muscle during a defect in the dynamics of the higher nervous activity."

p. 369 (Ceskoslovenska Fysiologie) Vol. 5, no. 3, 1956. Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

VRBOVA, G.

Quantitative changes in the muscular proteins after a direct excitation of the muscle.

p. 323 (CESKOSLOVENSKA FYSIOLOGIE) Vol. 6, no.3, Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

VRBOVA, H.; GREGOROVA, I.

Adrenal steroids in prednisone therapy. Sborn. lek. 65 no.10: 315-320 S '63.

l. Laborator pro endokrinologii a metabolismus pri III interni klinice fakulty vseobecneho lekarstvi University Karlovy v Praze, vedouci akademik J. Charvat. (PREDNISONE) (17-KETOSTEROIDS) (URINE)

(PREDNISONE) (17-KETOSTEROIDS) (URINE)
(HYPERTRICHOSIS) (CHROMATOGRAPHY)
(DEHYDROEPIANDROSTERONE)

## VRBOVA, Kveta

Acetonemic vomiting in childhood. Cest. pediat. 16 no.9:812-814 S '61.

1. Detske interni oddeleni Thomayerovy nemocnice, Praha-Krc, prednosta prim. MUDr. E. Kratkova.

(ACETONE blood) (VOMITING in inf & child)

SMIDKOVA, Dagmar; VRBOVA, Milada

A modified structural model for the chemical industry. Chem prum 14 no.2:57-59 F'64

1. Vyzkumny ustav technickoekonomicky chemickeho prumyslu, Praha.

VRBOVSKY, L.; NEMKOVA, A.; SELECKY, F.V.; Technicka spolupraca: SIKLOVA, M.

Protective effect of diethylaminoethylamide of dehydroabietic acid (substance E-25) in CaCl2-induced arrhythmias in rats. Cas. lek. cesk. 102 no.19:527-531 10 My 163.

1. CSAV, Chemicky ustav SAV, Bratislava, riaditel akademik

J. Vasatko.

(PHENANTHRENES) (MYOCARDIAL DEPRESSANTS)
(ARRHYTHMIA) (CALCIUM) (CHLORIDES)
(RATS)

WECKLI, Stefanija; RANKOVIC, Stanoje; LEPOSAVIC, Miomir

Malmitrition syndrome after partial gastrectomy. Srpski arh. celok. lek, 87 no.11:1061-1067 N '59.

1. Interna klinika A Medicinskog fakulteta u Beogradu, Upravnik: prof. dr Braniskav Stanojevic; Patolosko-anatomski institut Medicinskog fakulteta u Beogradu, Upravnik: prof. dr Zivojin Ignjacev. (GASTRECTOMY compl.)

(EMACIATION etiol.)

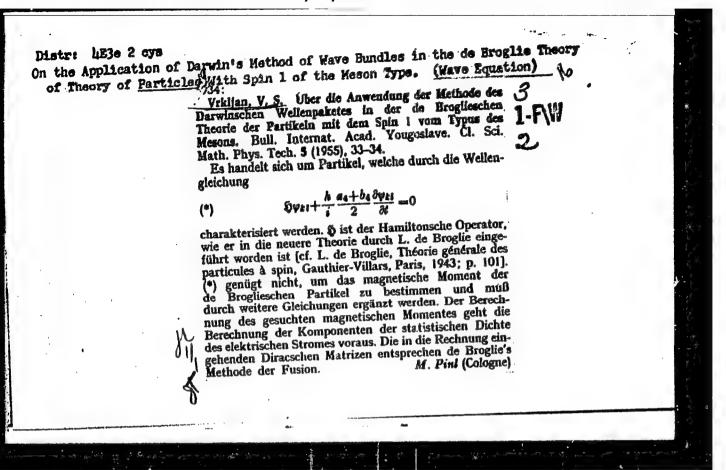
Vrestal, J.

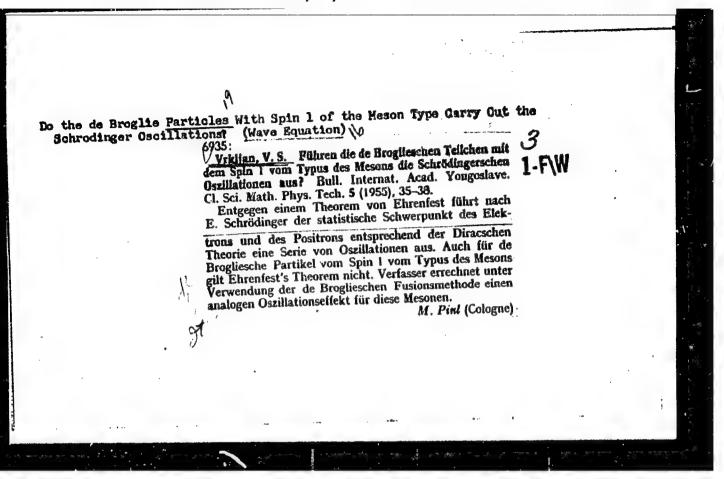
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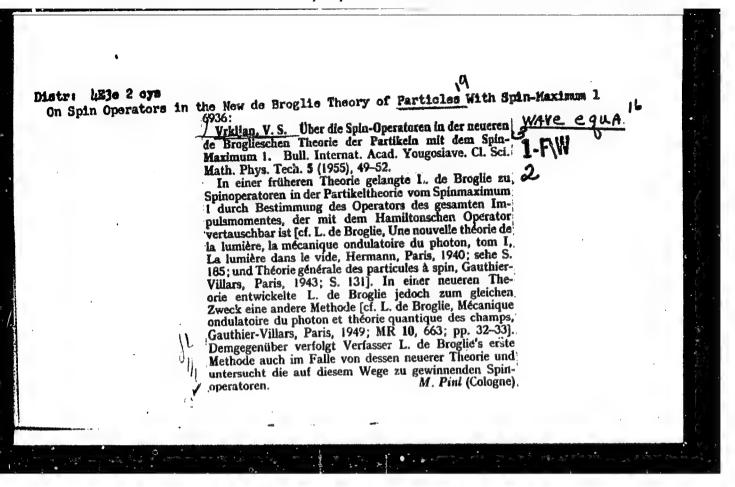
Complex compounds of tellurium with thioures. J. Vieltal (Vojenska akad. A. Zapotockého, Brno, Czech.), Collection Czecholov. Chem. Communs. 25, 443-50 [1900] (in German).—From solus. contg. Te(IV) and excess CS(NH<sub>2</sub>), yellow cryst. salts of thiocarbamidotellurium cations contg. pos. bivalent Te sep. at higher concus. of Te. Thus, aq. 0.06 M Na<sub>2</sub>TeO<sub>2</sub> made acid with 60 ml. concd. HCl, dild. with H<sub>2</sub>O to 800 ml., added dropwise with stirring to 0.40 mole CS(NH<sub>2</sub>), in 1000 ml. H<sub>2</sub>O acidified with 40 ml. HCl, the resulting yellow suspension of crystals sucked off, washed subsequently with 0.5% aq. CS(NH<sub>2</sub>), a half-satd, solu. of CS(NH<sub>2</sub>), in EtOH, a little abs. EtOH and Ety. and dried gives 29 g. triclinic prisms of Te(CSN<sub>2</sub>H<sub>2</sub>),Cl<sub>4</sub>. 2H<sub>2</sub>O (1), m. 175° (decompn.), d. 1.870. Anhyd. I, obtained by drying the dihydrate at 70-80° or by treating a solu. of 0.15 mole TeCl<sub>4</sub> in 250 ml. MeOH with 0.3 mole CS(NH<sub>2</sub>), in 300 ml. MeOH and 5 ml. alc. HCl gives crystals, m. 175° (decompn.), d. 1.97. When 0.06 mole Na<sub>2</sub>TeO<sub>3</sub> in 1000 ml. dil. HCl is added at once to a solu. of 0.16 mole CS(NH<sub>2</sub>), in 1000 ml. H<sub>3</sub>O contg. 80 ml. HCl, and the fine monoclinic crystals worked up as above, 8.0 g. of Te-(CSN<sub>2</sub>H<sub>4</sub>), Cl<sub>4</sub> is obtained, m. 184° (decompn.), d. 2.23. Similarly is obtained in 52% yield from dil. HBr rolns. Te-(CSN<sub>2</sub>H<sub>4</sub>), absined in 52% yield from dil. HBr rolns. Te-(CSN<sub>2</sub>H<sub>4</sub>), absined in 52% yield from dil. HBr rolns. Te-(CSN<sub>2</sub>H<sub>4</sub>), (ClO<sub>4</sub>), m. 144° (decomps.), d. 2.11; Te-(CSN<sub>2</sub>H<sub>4</sub>), (ClO<sub>4</sub>), m. 144° (decomps.), d. 2.11; Te-(CSN<sub>2</sub>H<sub>4</sub>), (NO<sub>1</sub>), 2H<sub>2</sub>O, m. 117°, d. 1.90; Te(CSN<sub>2</sub>H<sub>4</sub>), (HC<sub>2</sub>O<sub>4</sub>), 2H<sub>4</sub>O, m. 17°, d. 1.95. All compds. are sol. in polar and insol. in nonpolar solvents. With the exception of the sulfate, oxalate, and nitrate, they are stable in air over 2 years.

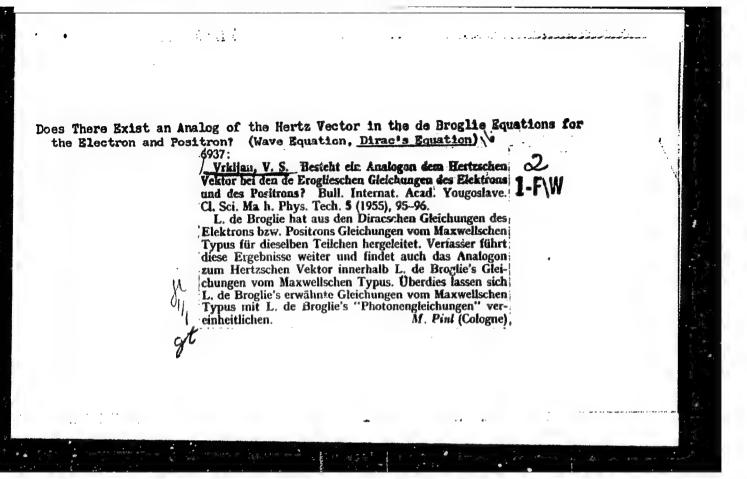
L. J. Urbácals.

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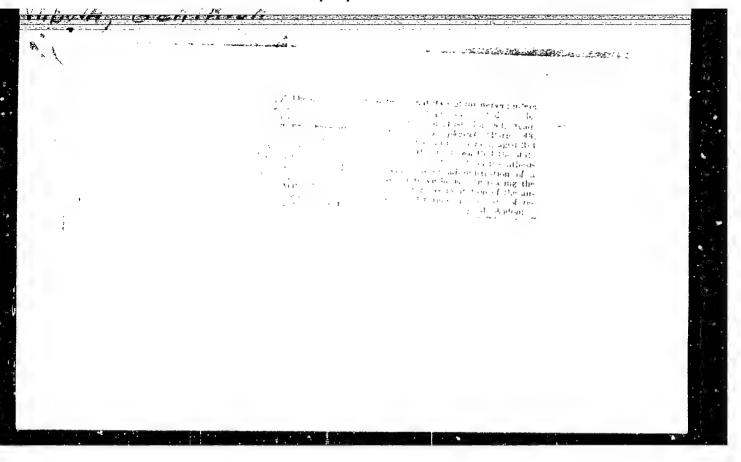


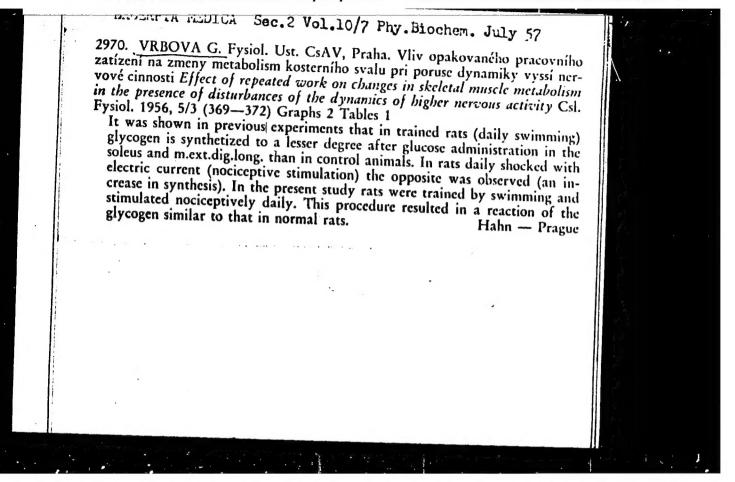
VRBOVA, G.

Course of reinnervation of a muscle deprived of the afferent nerve.

p. 348 (CESKOSLOVENSKA FYSIOLOGIE) Vol. 6, no. 3, Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958





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Significance of propioceptive neural fibers in regulation of metabolism in the striated muscle. Chekh. fiziol. 3 no.4:415-419 1954.

 Fiziologicheskiy institut Chekhoslovatskoy Akademii nauk, Praga. (MUSCLES, metabolism, regulation by propioceptive nerve fibers in striated musc.)

WHEOVA, G.

"Stability of Water Metabolism in the Cerebrum." p. 130, Praha, Vol. 1, no. 2, Sept. 1952.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961210017-3 VRBOVA, G. BERANEK, R.; GUTMANN, E.; VRBOVA, G. Changes in the synthesis of glycogen during recovery of function of denervated and tenotomized muscles. Chekh. fiziol. 3 no.1: 47-52 1954. 1. From the Biological Institute of the Czechoslovak Academy of Science Physiology Department, Prague. (GLYCOGEN, metabolism, muscles, synthesis during recovery after denervation & tenotomy) (MUSCLES, metabolism, glycogen, synthesis during recovery after denervation & tenotomy) (WOUNDS AND INJURIES, experimental, musc., glycogen synthesis during recovery)